

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Salt Lake Field Office  
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M/049/0086  
April

In Reply Refer To:  
3600 (UTW011)  
UTU-89459

MAY 13 2016

RECEIVED

MAY 16 2016

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL - 7014-2120-0003-7880-2045  
RETURN RECEIPT REQUESTED

Mr. Stewart Lamb  
Kilgore Contracting  
7057 W 2100 S  
Salt Lake City UT 84128

Dear Mr. Lamb:

We have completed the review of your Mine and Reclamation Plan received on April 15, 2016, for your proposed mineral material mine expansion located in T. 8 S., R. 1 E., E $\frac{1}{2}$ NE $\frac{1}{4}$  Section 27, the E $\frac{1}{2}$ SE $\frac{1}{4}$  Section 22, the SW $\frac{1}{4}$ SW $\frac{1}{4}$  Section 23 and the N $\frac{1}{2}$ NW $\frac{1}{4}$  Section 26, Salt Lake Meridian, and serialized UTU-89459, and have determined it to be incomplete at this time.

You will need to address the comments and correct the following deficiencies before we can proceed with the issuance of a new contract:

**Pg 7. #8 BLM Lease or Project File Number(s) and/or USFS Assigned Project Number:** Project File Number is UTU-89459, not 88526. Please change this in your mine plan.

**Pg 9. 106.2 Types of Operations Conducted second paragraph:** Any landscape rock will need to be on a separate contract at the current appraised value of \$12.50/ton.

**Pg 9. 106.2 Types of Operations Conducted Mining Operations second paragraph:** Kilgore references stockpiles of the blasted material to be pushed by dozer to the processing area, but they are not shown on any figures. They will need to be shown on the appropriate figures in the proposed mine plan.

**Page 9. 106.2 Types of Operations Conducted Mining Operations second paragraph:** Figure 4 does not show the direction/phases of mining. It would also be helpful to have the land status on this map.

**Pg 10. 106.2 Types of Operations Conducted Processing Operations:** Kilgore again mentions different types of stockpiles. They will need to be shown on the appropriate figures in the mine plan.

**Pg 10. 106.2 Types of Operations Conducted Hot Plant last sentence:** See Figure 4. Salt Lake Field Office policy is to not allow RAP to be stockpiled on BLM land. Kilgore will need to alter the RAP stockpile location to be on private land.



**Pg. 11. 106.2 Types of Operations Conducted Stockpiles:** There are no product stockpiles shown on figure 4, for current or future locations. Stockpiles will need to be located on one or more of the figures in the mine plan.

**Pg. 11. 106.3 Estimated Acreage:** The plan states "Acreage listed here should match areas measured off the maps provided.", but the table below shows 10 acres of ore and product stockpiles. There are no maps that show ore and product stockpiles.

**Pg. 11. 106.4 Nature of material including waste rock/overburden and estimated tonnage Estimated annual volume of overburden:** Wouldn't there be some overburden since you show 0-1 ft of overburden over 67 acres?

**Pg. 13. 106.6 Plan for protecting and redepositing existing soils third paragraph:** Compacting soils may damage soil structure and pore space making the material unsuitable for root propagation and eventually making the soil unviable. Topsoil and other soil materials may be susceptible to water and wind erosion, so berms, diversions, or other structures may need to be designed to drain away from any saved topsoil. Acceptable management of topsoil and other soil materials will need to follow the guidance in the Utah Division of Natural Resources, Oil, Gas and Mining's (UDOGM) Guidelines for Management of Topsoil and Overburden.

**Pg. 18. 106.9, Location and size of ore and waste stockpiles, tailings and treatment ponds, and Discharges:** Figure 4, shows the RAP stockpile. If it is 50,000 cy, then the product stockpile could be four times the size of the RAP pile (200,000 cy) as stated in this section. Figure 4, needs to be re-drawn to show the product stockpile(s) and adjusted RAP pile if necessary.

**Pg. 20. IV R647-4-107 - Operation Practices third paragraph:** The "No Trespassing" verbiage will need to be removed from your signage on BLM land. BLM land is multiple use, so other activities cannot be excluded from public land. The safety message and contact number would be okay to have on the signs. This will also need to be changed on page 25, under Public Health and Safety.

**Pg. 21. IV R647-4-107 – Operation Practices second paragraph:** A copy of the Spill Prevention Countermeasure Control Plan will need to be attached to the mine plan before a permit will be issued.

**Pg. 25. VII. Rule R647-4-110 Reclamation Plan 110.1 first paragraph:** This is the first time the term growth media is used. Does this mean topsoil or plant growth layer? If not, where is growth media coming from, where will it be stockpiled and how will the growth media be handled?

**Pg. 26. Reclamation of roads, highwalls, slopes, leach pads, dumps, etc. Slopes:** Figure 5, Mine Excavation Plan and Figure 7 (including fig 7a & 7b), Final Reclamation Plan, are the same. BLM would like the benches to be contoured and more rounded, rather than leaving them as hard benches. This may be accomplished during your concurrent reclamation once mining activity is complete in certain areas.

**Pg. 28. 110.3 Surface facilities to be left:** No concrete will be buried on BLM land. It will need to be hauled off and disposed of appropriately.

**Figure 4:** Insert stockpile location(s) and re-draw RAP pile to new location if not approved at the current location.



**Figure 4 and 5:** Where or how are the different mine phases shown?

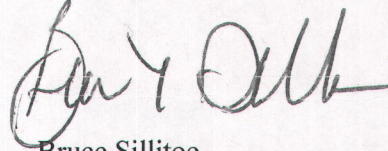
**Figure 5:** Where is/are the safety berms that are supposed to be identified on the map?

**Figure 7A and 7B:** Re-contour outer edges of the benches to soften the final look of the reclaimed areas.

**Figure 8, 8a, 9, 10 and 11:** All have an area identified as Lincoln Quarry yet everywhere else it is referred to as the Benjamin, or Lake Point Quarry or pit. Both BLM and UDOGM have referred to this site as the Lincoln Pit. Please make the necessary changes to avoid any confusion.

If you have any questions or concerns with this matter please contact Larry Garahana, Salt Lake Field Office Geologist, at (801) 977-4371.

Sincerely,

A handwritten signature in dark ink, appearing to read "Bruce Sillitoe", written in a cursive style.

Bruce Sillitoe  
Acting Field Manager

cc: April Abate, Utah Division of Oil, Gas and Mining, 1594 W. North Temple, Ste. 1210#  
Box 145801, SLC, UT 84114-5801